(b) and (c) During X Plan, an amount of about Rs. 74,300 crore is likely to be spent by CPSUs. Under the Accelerated Power Development and Reforms Programme, since 2002-03, an amount of Rs. 6,574.89 crore has been released under APDRP investment component. In addition, an amount of Rs. 1,587.52 crore has been released under APDRP incentive component. Under Rajiv Gandhi Grameen Vidyutikaran Yojana, Rs. 3347 crore has been released.

Consumption of power

1448. SHRI M. V. MYSURA REDDY: Will the Minister of POWER be pleased to state:

(a) the total per capita per day consumption of power in the country, State-wise;

(b) how this consumption compares with that in developed countries; and

(c) the steps taken by Government to increase the generation and consumption of power in the country?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE) : (a) The annual per capita consumption of electricity state wise for the year 2004-05 in Kwh is given in the Statement. (*See* below)

(b) The annual per capita consumption of electricity of some of the developed countries during the year 2004 is given below:—

Name of the country	Per Capita Consumption of Electricity (In kWh)
Australia	11126
France	7689
Germany	7030
Japan	8076
Russia	5642
United Kingdom	6206
United States of America	13338

Source: Key World Energy Statistics (2006) published by International Energy Agency

(c) Steps taken by the Government to step up availability of power *inter alia* include:—

Short-term:—

(i) Rigorous monitoring of production, transportation and stocking of coal at all major coal plants of the country to ensure adequate availability of fuel to meet the improved PLF of coal stations. Import of coal to bridge constraints in production of domestic coal.

(ii) Tapping of surplus power from captive power plants.

(iii) Utilization of unutilized capacity of gas based stations on liquid fuel.

(iv) Strengthening/augmentation of sub-transmission system in State under Accelerated Power Development Reform Programme (APDRP) as a major step towards reduction of Aggregate Technical & Commercial (AT&C) losses.

(v) Optimum utilization of available power by strengthening of inter-state and inter-regional transmission capacity.

(vi) Coordinated operation and maintenance of hydro, thermal, nuclear and gas based power stations to optimally utilize the existing generation capacity.

(vii) Promoting demand side management, energy efficiency and energy conservation measures.

(viii) "Partnership in Excellence" Programme starting with adoption of better operation and maintenance (O&M) practices to enable enhancement of Plant Load Factor (PLF) of existing thermal power stations through tie-up with well performing power utilities as a pre-cursor to renovation and modernization.

(ix) Renovation, modernization and life extension of old and inefficient generation units with interest subsidy on loans by the Power Finance Corporation and Rural Electrification Corporation under "Accelerated Generation and Supply Programme (AG&SP)."

Long-term:

(i) Creation of a National Grid for optimum utilization of generation capacity and inter-regional transfer of power.

(ii) 50,000 MW hydro initiative has been launched for coordination development of hydro sector.

(iii) Identification of sites for thermal capacity over 1,00,000 MW.

(iv) Power Finance Corporation and Rural Electrification Corporation have mobilized themselves to see that good generation projects are not hampered due to lack of funds.

(v) Rigorous monitoring of capacity addition of the on-going generation projects.

(vi) Advance planning of generation capacity addition projects for the 11th Five Year Plan.

(vii) Implementation of Ultra Mega Power Projects of 4000 MW each to achieve benefit of economy of scale.

Statement

State-wise Annual Per Capita Consumption of Elecricity

Name of State / UT	(In kWh) 2004-05
1	2
Haryana	950.69
HimachalPradesh	831.11
Jammu & Kashmir	608.93
Punjab	1245.23
Rajasthan	583.32
Uttar Pradesh	308.83
Uttaranchal	653.78
Chandigarh	887.26

1	2
Delhi	1553.77
Northern Region	**564.57**
Gujarat	1298.78
Madhya Pradesh	515.50
Chhattisgarh	684.84
Maharashtra	879.09
Goa	2189.03
Daman & Diu	7545.68
D & N Haveli	8478.77
Western Region	**876.68**
Andhra Pradesh	764.75
Karnataka	660.04
Kerala	397.83
Tamil Nadu	918.08
Pondicherry	2094.25
Lakshadweep	376.83
Southern Region	**535.73**
Bihar	75.06
Jharkhand	546.21
Orissa	735.49
West Bengal	413.53
A & N Islands	345.60
Sikkim	985.06
Eastern Region	**357.22**
Assam	162.82

1	2
Manipur	257.72
Meghalaya	521.38
Nagaland	181.22
Tripura	351.14
Arunachal Pradesh	379.65
Mizoram	438.71

Pending power projects

1449. SHRI DWIJENDRA NATH SHARMAH: Will the Minister of POWER be pleased to state:

(a) whether any proposal for setting up of power projects in the country specially in Assam is pending with Central Government for approval;

(b) if so, the details of the present status; and

(c) by when these projects are expected to be functional?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) to (c) According to the Electricity Act, 2003 enacted on 10.6.2003, the requirement of according Techno economic clearance by Central Electricity Authority has been dispensed with for thermal generation. However, a generating company intending to set up a hydro generating station has to prepare and submit the scheme to the Authority for concurrence involving a capital expenditure such sum as may be fixed by the Central Government from time to time by notification.

No proposal for setting up hydro power projects in the country specially in Assam is pending with Central Electricity Authority for concurrence.

NTPC have informed that it has identified Bongaigaon Thermal Power Project comprising three units of 250 MW to be set up with the existing premises of Assam State Elecricity Board's Bongaigaon TPS (4x60MW)